ABSTRACT OF THE DISCLOSURE

Image data is encoded using a buffer memory, and code amount of image data occupying the buffer memory upon coding is detected and buffer information related
5   to the detected code amount is outputted. The coded image data and the buffer information are recorded on a recording medium. In a case where additional recording or overwriting is started, the buffer information in a position immediately before a start position of the
10 additional recording or overwriting is read out, and coding is started based on value, thereby buffer overflow can be prevented.